

Converting Colors

XYZ(48.2894, 53.7208, 60.0486)

Have a look what the booklet for
XYZ(48.2894, 53.7208, 60.0486)
contains.

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Color

**XYZ(48.2894, 53.7208,
60.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C6C4
RGB	177, 198, 196
RGB Percent	69%, 78%, 77%
CMY	0.3059, 0.2235, 0.2314
CMYK	0.11, 0.00, 0.01, 0.22
HSL	174°, 16%, 74%
HSV	174°, 11%, 78%
XYZ	48.2894, 53.7208, 60.0486
YIQ	191.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

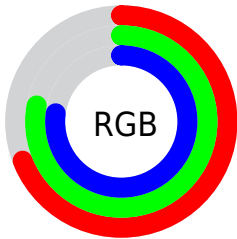
Format	Color
RYB	177, 188, 198
Decimal	11650756
CIELab	78.30, -7.49, -1.43
CIElCh	78, 7.624, 190.802
Yxy	53.7208, 0.2980, 0.3315
Android (android.graphics.Color)	4289840836 (0xFFB1C6C4)
YUV	191.4930, 2.2220, -12.7104
Hunter-Lab	73.2945, -10.6622, 2.7311

Details

The XYZ color **48.2894, 53.7208, 60.0486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1495, 46.7063, 49.1805**, and the grayscale version is **49.8012, 52.3948, 57.0579**.

A 20% lighter version of the original color is **87.0939, 95.9355, 106.8556**, and **23.1679, 26.1846, 29.4242** is the 20% darker color. If you saturate the color by 10%, you get **43.8894, 51.4786, 58.7288**, and if you desaturate by 10%, it is **53.3496, 56.3059, 61.4157**.

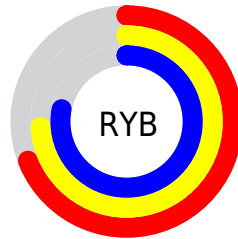
Distribution



Red (69%)

Green (78%)

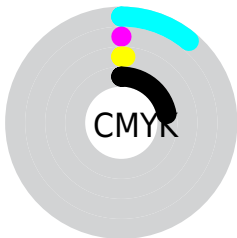
Blue (77%)



Red (69%)

Yellow (74%)

Blue (78%)

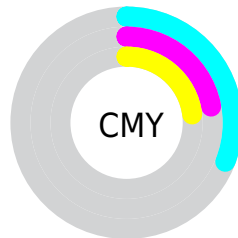


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (22%)



Cyan (31%)

Magenta (22%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2894, 53.7208, 60.0486 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 48.2894, 53.7208, 60.0486 by changing the saturation by 10% instead.

■ 48.2894, 53.7208,
60.0486

■ 48.2894, 53.7208,
60.0486

370.5016,
401.0444, 442.5865

■ 34.2683, 38.3785,
43.0323

■ 86.8422, 95.6642,
106.4442

■ 23.2637, 26.2766,
29.5788

112.1047,
123.0340, 136.6606

■ 14.9101, 17.0307,
19.2698

141.8450,
155.1819, 172.1140

■ 8.8422, 10.2564,
11.6866

176.4285,
192.4921, 213.2231

■ 4.6947, 5.5693,
6.4107

216.2206,
235.3490, 260.4064

■ 2.1022, 2.5850,
3.0236

261.5865,

■ 0.6904, 0.9191,

284.1372, 314.0823

1.1067

312.8918,
339.2408, 374.6695

■ 0.0000, 0.0000,
0.0000

■ 48.2894, 53.7208,
60.0486

■ 48.2894, 53.7208,
60.0486

■ 43.8894, 51.4786,
58.7288

■ 53.3496, 56.3059,
61.4157

■ 40.1168, 49.5582,
57.4513

■ 59.0918, 59.2408,
62.8277

■ 36.9433, 47.9462,
56.2158

■ 65.5423, 62.5406,
64.2872

■ 34.3361, 46.6259,
55.0208

■ 72.2808, 65.9884,
65.7743

■ 32.2596, 45.5789,
53.8646

■ 72.5080, 66.0793,
66.9711

■ 30.6740, 44.7846,
52.7452

■ 72.7381, 66.1713,
68.1824

■ 29.5339, 44.2197,
51.6605

■ 72.9708, 66.2644,
69.4082

■ 28.7856, 43.8565,
50.6079

■ 73.2064, 66.3587,
70.6487

■ 28.3441, 43.6497,
49.6439

■ 73.4447, 66.4540,
71.9038

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.3944, 53.7208, 55.8285



48.2894, 53.7208, 60.0486



48.9158, 53.7208, 64.0362

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.2894, 53.7208, 60.0486



52.9606, 53.7208, 64.9454



52.0106, 53.7208, 51.0609

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.2894, 53.7208, 60.0486



47.1495, 46.7063, 49.1805

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.2660, 53.7208, 53.2789



48.2894, 53.7208, 60.0486



53.8218, 53.7208, 61.2406

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.2894, 53.7208, 60.0486



51.6004, 53.7208, 66.9537



53.9346, 53.7208, 56.9641



50.5234, 53.7208, 50.7766

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.2894, 53.7208, 60.0486



49.6712, 53.7208, 65.9740



53.9346, 53.7208, 56.9641



52.4745, 53.7208, 51.5997

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.2909, 53.7231, 60.0498



92.1741, 98.5310, 108.1535



46.7451, 53.1604, 49.3932



19.5686, 21.0077, 23.1069



0.0000, 0.0000, 0.0000



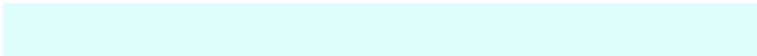
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.2909, 53.7231, 60.0498



83.3834, 94.0440, 105.7190



46.6531, 50.0801, 60.6362



10.9014, 12.0495, 13.4311



18.4493, 28.3921, 32.3743



0.8866, 1.3496, 1.6014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.1495, 46.7063, 49.1805



80.9136, 78.8598, 82.1991



48.6592, 50.0475, 48.6915



10.6743, 10.6531, 11.2680



15.2355, 7.8438, 1.1843



0.7358, 0.3772, 0.1318

Previews

White Background



This preview shows how the XYZ color 48.2894, 53.7208, 60.0486 looks on a white background.

Color Contrast Check

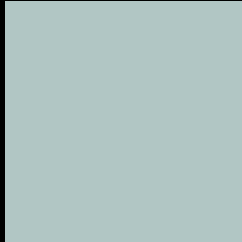
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.2894, 53.7208, 60.0486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

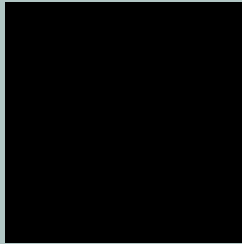
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

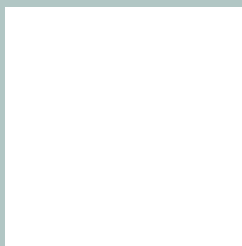
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2894, 53.7208, 60.0486

Background



This preview shows how black text looks on a background with the XYZ color 48.2894, 53.7208, 60.0486.



This preview shows how white text looks on a background with the XYZ color 48.2894, 53.7208,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.2894, 53.7208, 60.0486

Protanopia

51.5012, 53.4198, 58.0487

Deuteranopia

54.5417, 53.3195, 60.8431



Tritanopia

50.3202, 53.8863, 69.3770

Trichromacy



Original Color

48.2894, 53.7208, 60.0486

Protanomaly

50.2646, 53.4258, 58.7019

Deuteranomaly

51.9975, 53.2986, 60.3704

Tritanomaly

49.6972, 53.9724, 66.1909

Monochromacy



Original Color

48.2894, 53.7208, 60.0486

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1671, 52.8729, 58.0662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2894, 53.7208, 60.0486 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(177, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(177, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 196) }
```

Border

The CSS property to change the border of an element to XYZ 48.2894, 53.7208, 60.0486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 198, 196) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(177, 198, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(177, 198, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2894, 53.7208, 60.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(177,  
198, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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